

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| S1 | 986 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/22 20:05 |
| S2 | 410 | S1 and (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/22 20:14 |
| S3 | 49 | S1 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/22 20:14 |
| S4 | 26 | S3 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/22 20:15 |
| S5 | 986 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/22 21:48 |
| S6 | 49 | S5 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/22 21:48 |
| S7 | 26 | S6 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/22 21:48 |
| S8 | 986 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:21 |
| S9 | 49 | S8 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:21 |
| S10 | 26 | S9 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:21 |
| S11 | 23 | S9 not S10 | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:21 |
| S12 | 410 | S8 and (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:24 |
| S13 | 23 | !5not S11 | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:24 |
| S14 | 387 | S12 not S11 | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:24 |
| S15 | 305 | S14 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/22 23:24 |

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|-----|------|---|-----------------|----|----|------------------|
| S16 | 801 | (microspot or microarray or spot or array) with (channel or microchannel) with (around or circumference) | US-PGPUB; USPAT | OR | ON | 2008/03/26 11:29 |
| S17 | 180 | ((microspot or microarray or spot or array) with (channel or microchannel) with (around or circumference)) and (molecule or biomolecule or dna or nucleic or protein or antibody or enzyme) | US-PGPUB; USPAT | OR | ON | 2008/03/26 11:29 |
| S18 | 145 | S17 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/26 11:30 |
| S19 | 1096 | ((mountable or mounting) with ((flow adj cell) or channel)) and (assay or biological or molecule or antibody or dna or nucleic or enzyme or peptide) | US-PGPUB; USPAT | OR | ON | 2008/03/26 15:29 |
| S20 | 782 | S19 not @ay>"2003" | US-PGPUB; USPAT | OR | ON | 2008/03/26 15:30 |
| S21 | 46 | ((mountable) with ((flow adj cell) or channel)) and (assay or biological or molecule or antibody or dna or nucleic or enzyme or peptide) | US-PGPUB; USPAT | OR | ON | 2008/03/26 15:31 |
| S22 | 39 | S21 not @ay>"2003" | US-PGPUB; USPAT | OR | ON | 2008/03/26 15:31 |
| S23 | 987 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S24 | 410 | S23 and (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S25 | 49 | S23 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S26 | 26 | S25 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S27 | 987 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S28 | 49 | S27 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |

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| S29 | 26 | S28 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S30 | 987 | (determining or determine or detect or detecting) with kinetic with binding | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S31 | 49 | S30 and ((channel or microchannel) with (spot or microspot or array or microarray)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S32 | 26 | S31 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S33 | 23 | S31 not S32 | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S34 | 410 | S30 and (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S35 | 23 | 5not S33 | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S36 | 387 | S34 not S33 | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S37 | 305 | S36 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S38 | 801 | (microspot or microarray or spot or array) with (channel or microchannel) with (around or circumference) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S39 | 180 | ((microspot or microarray or spot or array) with (channel or microchannel) with (around or circumference)) and (molecule or biomolecule or dna or nucleic or protein or antibody or enzyme) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S40 | 145 | S39 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S41 | 1096 | ((mountable or mounting) with ((flow adj cell) or channel)) and (assay or biological or molecule or antibody or dna or nucleic or enzyme or peptide) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S42 | 782 | S41 not @ay>"2003" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |

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| S43 | 46 | ((mountable) with ((flow adj cell) or channel)) and (assay or biological or molecule or antibody or dna or nucleic or enzyme or peptide) | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S44 | 39 | S43 not @ay>"2003" | US-PGPUB; USPAT | OR | ON | 2008/03/29 20:45 |
| S45 | 8499 | removable with (channel or (flow adj cell)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:01 |
| S46 | 7350 | S45 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:01 |
| S47 | 566 | S46 and (absorb or immobilize or immobilizing or functionalizing) | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:01 |
| S48 | 67 | S46 and ((absorb or immobilize or immobilizing or functionalizing) same (molecule or probe or dna or protein or enzyme or antibody)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:02 |
| S49 | 67 | S48 not S43 | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:02 |
| S50 | 2054 | ((microarray or array) with (formation or making)) same channel | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:15 |
| S51 | 1551 | S50 not @ay>"2003" | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:16 |
| S52 | 1010 | ((microarray or array) with (formation or making)) with channel | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:16 |
| S53 | 4 | ((microarray or array) with (formation or making)) with (channel with (immobilizing or absorbing or activation or functionalizing)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:17 |
| S54 | 442 | ((microarray or array) with (formation or making)) and (channel with (immobilizing or absorbing or activation or functionalizing)) | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:17 |
| S55 | 345 | S54 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2008/03/29 21:17 |
| S56 | 5034 | (forming with (array or microarray)) same (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/30 22:53 |

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| S57 | 39 | ((immobilizing or functionalizing or functionalization) with (array or microarray)) same (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/30 22:53 |
| S58 | 13 | (activating with (immobilizing or immobilization or functionalizing or functionalization)) same (microspot or array or microarray) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:04 |
| S59 | 0 | (activating with (immobilizing or immobilization or functionalizing or functionalization)) same (microspot or array or microarray) with (electric or electrical or current) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:04 |
| S60 | 2603210 | ((immobilizing or immobilization or functionalizing or functionalization) with (microspot or array or microarray) with electric or electrical or current) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:05 |
| S61 | 55 | (immobilizing or immobilization or functionalizing or functionalization) with (microspot or array or microarray) with (electric or electrical or current) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:06 |
| S62 | 48 | S61 and (biomolecule or molecule or probe or protein or dna or nucleic or antibody) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:06 |
| S63 | 30 | S62 and (channel or microchannel) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:07 |
| S64 | 18 | S62 not S63 | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:14 |
| S65 | 102 | microfluidic and (immobilized with probes with (channel or microchannel)) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:24 |
| S66 | 16 | S65 and ((electrophoretic or dielectrophoresis or electrophoresis) with (pumping or pump)) | US-PGPUB; USPAT | OR | ON | 2008/03/30 23:25 |

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| S67 | 1 | ("6200814").PN. | USPAT; USOCR | OR | OFF | 2008/03/30 23:31 |
| S68 | 0 | (prevent with nonspecific with absorption) with (array or microarray) | USPAT | OR | OFF | 2008/03/30 23:34 |
| S69 | 3 | (prevent with nonspecific with absorption) and (array or microarray) | USPAT | OR | OFF | 2008/03/30 23:34 |
| S70 | 1 | ((nonspecific with absorption) with (avidin or streptavidin)) and (array or microarray) | USPAT | OR | OFF | 2008/03/30 23:36 |
| S71 | 1 | ((nonspecific with absorption) with (avidin or streptavidin)) and immobilization | USPAT | OR | OFF | 2008/03/30 23:38 |
| S72 | 4 | ((nonspecific with absorption) with (avidin or streptavidin)) | USPAT | OR | OFF | 2008/03/30 23:38 |
| S73 | 3 | S72 not S71 | USPAT | OR | OFF | 2008/03/30 23:38 |
| S74 | 3 | ((nonspecific with absorption) with coating) and immobilization | USPAT | OR | OFF | 2008/03/30 23:40 |
| S75 | 18 | ((nonspecific with (absorption or adsorption)) with coating) and immobilization | USPAT | OR | OFF | 2008/03/30 23:40 |
| S76 | 18 | S75 not S73 | USPAT | OR | OFF | 2008/03/30 23:40 |
| S77 | 306 | ((surface adj plasmon adj resonance) or spr) and ((reflectance or (phase adj change) or angle or wavelength) with binding) | USPAT | OR | OFF | 2008/03/31 00:32 |
| S78 | 30 | ((surface adj plasmon adj resonance) or spr) and ((reflectance or (phase adj change) or angle or wavelength) with binding with detection) | USPAT | OR | OFF | 2008/03/31 00:32 |
| S79 | 1622 | assay with ((dissociation or association or affinity) adj constant) | US-PGPUB; USPAT | OR | ON | 2008/03/31 00:46 |
| S80 | 219 | assay with ((dissociation or association or affinity) adj constant) with (determining or determine) | US-PGPUB; USPAT | OR | ON | 2008/03/31 00:47 |

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| S81 | 68 | (oxidation or reducton) with (functional adj group) with (binding or immobilization or immobilizing) | US-PGPUB; USPAT | OR | ON | 2008/03/31 01:54 |
| S82 | 71 | (oxidation or reducton) with (functional adj group) with (functionalizing or binding or immobilization or immobilizing) | US-PGPUB; USPAT | OR | ON | 2008/03/31 01:57 |
| S83 | 19 | S82 and (electric) | US-PGPUB; USPAT | OR | ON | 2008/03/31 01:57 |
| S84 | 25 | S82 and (electric or electrode) | US-PGPUB; USPAT | OR | ON | 2008/03/31 01:57 |
| S85 | 152 | (electrode or electric) with (functional adj group) with (functionalizing or binding or immobilization or immobilizing) | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:01 |
| S86 | 152 | (electrode or electric) with (functional adj group) with (functionalizing or binding or immobilization or immobilizing) with (molecule or probe or chemical or group) | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:02 |
| S87 | 444 | (electric adj field) with ((functional adj group) or (functionalizing or binding or immobilization or immobilizing) with (molecule or probe or chemical or group)) | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:09 |
| S88 | 240 | (electric adj field) with ((functional adj group) or (functionalizing or immobilization or immobilizing) with (molecule or probe or chemical or group)) | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:09 |
| S89 | 5 | (electric adj field) with (inducing or induce) with ((functional adj group) or (functionalizing or immobilization or immobilizing) with (molecule or probe or chemical or group)) | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:09 |
| S90 | 111 | (electric adj field) with (inducing or induce) with reaction | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:13 |

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| S91 | 31 | (electric adj field) with (inducing or induce) with reaction with chemical | US-PGPUB; USPAT | OR | ON | 2008/03/31 02:13 |
| S92 | 0 | (reference adj data) same (interspot) | US-PGPUB; USPAT | OR | ON | 2008/11/04 22:58 |
| S93 | 20 | (reference adj data) same (between with spots) | US-PGPUB; USPAT | OR | ON | 2008/11/04 22:59 |
| S94 | 162 | (reference adj spots) and (assay or immunoassay) | US-PGPUB; USPAT | OR | ON | 2008/11/04 23:17 |
| S95 | 16 | S94 and microfluidic | US-PGPUB; USPAT | OR | ON | 2008/11/04 23:17 |
| S96 | 12267 | ((activate or activated or activating) with (chemical or chemically)) and (assay or immunoassay or microarray) | US-PGPUB; USPAT | OR | ON | 2008/11/04 23:43 |
| S97 | 56 | ((activate or activated or activating) with (chemical or chemically)) same (microfluidic or microchannel) and (assay or immunoassay or microarray) | US-PGPUB; USPAT | OR | ON | 2008/11/04 23:43 |
| S98 | 56 | ((activate or activated or activating) with (chemical or chemically)) same (microfluidic or microchannel) and (assay or immunoassay or microarray) | US-PGPUB; USPAT | OR | ON | 2008/11/05 20:55 |
| S99 | 162 | (reference adj spots) and (assay or immunoassay) | US-PGPUB; USPAT | OR | ON | 2008/11/05 20:56 |
| S100 | 16 | S99 and microfluidic | US-PGPUB; USPAT | OR | ON | 2008/11/05 20:56 |
| S101 | 1 | ("6200814").PN. | USPAT; USOCR | OR | OFF | 2008/11/05 22:08 |
| S102 | 0 | kinetic with (measurement) with without with regeneration | US-PGPUB; USPAT | OR | ON | 2008/11/05 22:48 |
| S103 | 4 | kinetic with (measurement) with regeneration | US-PGPUB; USPAT | OR | ON | 2008/11/05 22:48 |
| S104 | 1 | ("6193864").PN. | USPAT; USOCR | OR | OFF | 2009/08/01 23:40 |
| S105 | 1 | ("6348156").PN. | USPAT; USOCR | OR | OFF | 2009/08/01 23:44 |
| S106 | 1 | "20020091057" | US-PGPUB; USPAT | OR | OFF | 2009/08/02 17:14 |

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| S107 | 1 | ("6193864").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 19:56 |
| S108 | 1 | ("4668399").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 20:27 |
| S110 | 6025 | ((multiple or plurality) with filters) same (cells or proteins or solutes) | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:30 |
| S111 | 85 | ((multiple or plurality) with filters) same (red adj blood adj cells) | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:31 |
| S112 | 75 | S111 not @ay>"2005" | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:31 |
| S113 | 13 | ((multiple or plurality) adj2 filters) same (red adj blood adj cells) | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:33 |
| S114 | 12 | S113 not @ay>"2005" | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:33 |
| S115 | 63 | S112 not S114 | US-PGPUB; USPAT | OR | ON | 2009/08/02 20:39 |
| S116 | 1 | ("4596657").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 21:07 |
| S117 | 1 | S116 and filter | USPAT | OR | OFF | 2009/08/02 21:07 |
| S118 | 105 | "4810378" | USPAT | OR | OFF | 2009/08/02 21:09 |
| S119 | 1 | ("4810378").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 21:10 |
| S120 | 0 | ("L13andfilter").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 21:10 |
| S121 | 1 | S119 and filter | USPAT | OR | OFF | 2009/08/02 21:10 |
| S122 | 90 | "5089146" | USPAT | OR | OFF | 2009/08/02 21:15 |
| S123 | 1 | ("5089146").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 21:15 |
| S124 | 1 | S123 and filter | USPAT | OR | OFF | 2009/08/02 21:16 |
| S125 | 1280 | ((multiple or plurality) adj2 filters) same (cells or proteins or solutes) | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:18 |
| S126 | 1052 | S125 not @ay>"2005" | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:19 |
| S127 | 1051 | S126 not S115 | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:19 |
| S128 | 662 | ((multiple or plurality) adj2 filters) with (cells or proteins or solutes) | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:19 |

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| S129 | 559 | S128 not @ay>"2005" | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:19 |
| S130 | 558 | S129 not S115 | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:20 |
| S131 | 81 | (additional adj filters) with (cells or proteins or solute) | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:38 |
| S132 | 66 | S131 not @ay>"2005" | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:38 |
| S133 | 66 | S132 not S115 | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:38 |
| S134 | 515 | S130 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:57 |
| S135 | 508 | S134 not S133 | US-PGPUB; USPAT | OR | ON | 2009/08/02 21:58 |
| S136 | 91 | S135 and (plasma or biological) | US-PGPUB; USPAT | OR | ON | 2009/08/02 22:00 |
| S137 | 103 | S135 and (plasma or biological or blood) | US-PGPUB; USPAT | OR | ON | 2009/08/02 22:00 |
| S138 | 99 | (cascade adj filtration) and (plasma or blood) | US-PGPUB; USPAT | OR | ON | 2009/08/02 22:51 |
| S139 | 1 | S138 and (closed with circuit) | US-PGPUB; USPAT | OR | ON | 2009/08/02 22:51 |
| S140 | 1 | ("5605627").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 23:07 |
| S141 | 0 | ("I34andfilter").PN. | USPAT; USOCR | OR | OFF | 2009/08/02 23:08 |
| S142 | 1 | S140 and filter | USPAT | OR | OFF | 2009/08/02 23:08 |
| S143 | 10095 | ((cell or plasma) with (separation or fractionation)) and filters | US-PGPUB; USPAT | OR | OFF | 2009/08/02 23:34 |
| S144 | 2 | ((cell or plasma) with (separation or fractionation)) and (successive adj filters) | US-PGPUB; USPAT | OR | OFF | 2009/08/02 23:34 |
| S145 | 180 | ((pump or pumping) same (roller with membrane)) and (assay or biological or protein or molecule or biomolecule) | US-PGPUB; USPAT | OR | ON | 2009/08/03 03:11 |
| S146 | 124 | S145 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2009/08/03 03:11 |
| S147 | 1 | ("6348156").PN. | USPAT; USOCR | OR | OFF | 2009/08/03 06:01 |
| S148 | 1 | (permeation adj ratio) same (microglobulin with albumin) | US-PGPUB; USPAT | OR | ON | 2009/08/03 10:07 |

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| S149 | 0 | filter with (microglobulin with albumin) | US-PGPUB; USPAT | OR | ON | 2009/08/03 10:08 |
| S150 | 50 | (filter or filtering or separate or separating or remove or removal or removing) same (microglobulin with albumin) | US-PGPUB; USPAT | OR | ON | 2009/08/03 10:08 |
| S151 | 373 | ((avoid or avoiding) with (regeneration or regenerating)) and (assay or assaying or immunoassay or antibody or antigen or nucleic or dna or biological or biomolecule) | US-PGPUB; USPAT | OR | ON | 2010/03/17 20:12 |
| S152 | 279 | S151 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2010/03/17 20:13 |
| S153 | 97 | S152 and (concentration with (increase or increasing or gradient or decrease or decreasing or gradualy or gradually)) | US-PGPUB; USPAT | OR | ON | 2010/03/17 20:14 |
| S154 | 55 | S153 and (simultaneously or simultaneous) | US-PGPUB; USPAT | OR | ON | 2010/03/17 20:14 |
| S155 | 1 | ("6200814").PN. | USPAT; USOCR | OR | OFF | 2010/03/17 22:25 |
| S156 | 1046 | ((rotate or rotating or rotatable) with (channel or microchannel)) and (assay or immunoassay or antibody or antigen or nucleic or dna) | US-PGPUB; USPAT | OR | ON | 2010/03/17 23:08 |
| S157 | 69 | ((rotate or rotating or rotatable) adj2 (channel or microchannel)) and (assay or immunoassay or antibody or antigen or nucleic or dna) | US-PGPUB; USPAT | OR | ON | 2010/03/17 23:09 |
| S158 | 45 | S157 not @ay>"2004" | US-PGPUB; USPAT | OR | ON | 2010/03/17 23:09 |
| S159 | 2 | S158 and (((rotate or rotating or rotatable) adj2 (channel or microchannel)) with (array or microarray)) | US-PGPUB; USPAT | OR | ON | 2010/03/17 23:15 |
| S160 | 16 | S158 and (((rotate or rotating or rotatable) with (channel or microchannel)) with (array or microarray)) | US-PGPUB; USPAT | OR | ON | 2010/03/17 23:16 |

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|------|---------|---|------------------------------|----|-----|---------------------|
| S161 | 1 | ("20060210984").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/03/18 23:53 |
| S162 | 0 | (total adj internal adj fluorescence) same ((simutaneous or simultaneously) with (detection or detected or detecting or detect)) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:01 |
| S163 | 0 | (total adj internal adj fluorescence) same ((simultaneous or simultaneously) with (detection or detected or detecting or detect)) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:02 |
| S164 | 9 | (total adj internal adj fluorescence) and ((simultaneous or simultaneously) with (detection or detected or detecting or detect)) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:02 |
| S165 | 9 | (total adj internal adj fluorescence) and (array with (detection or detected or detecting or detect)) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:13 |
| S166 | 1 | S165 not S164 | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:13 |
| S167 | 18 | (total adj internal adj fluorescence) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 00:17 |
| S168 | 1 | ("6200814").PN. | USPAT; USOCR | OR | OFF | 2010/03/19 00:23 |
| S169 | 541 | (surface adj plasmon adj resonance) with (array or microarray) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 14:03 |
| S170 | 22 | (surface adj plasmon adj resonance) with (array or microarray) with (simultaneous or simultaneously) | US-PGPUB; USPAT | OR | OFF | 2010/03/19 14:03 |
| S171 | 4110464 | (microspot or array or microarray) with reference or control | US-PGPUB; USPAT | OR | ON | 2010/12/20 06:21 |
| S172 | 4478 | (microspot or array or microarray) with ((reference or control) with (spot or site)) | US-PGPUB; USPAT | OR | ON | 2010/12/20 06:22 |

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|------|------|---|------------------------|----|-----|------------------|
| S173 | 1437 | (microspot or array or microarray) with ((reference or control) with (spot or site) with "between") | US-PGPUB; USPAT | OR | ON | 2010/12/20 06:22 |
| S174 | 185 | (microspot or array or microarray) with ((reference or calibration) with (spot or site) with "between") | US-PGPUB; USPAT | OR | ON | 2010/12/20 06:27 |
| S175 | 1 | ("20040248093").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/20 06:37 |
| S176 | 24 | (microspot or array or microarray) with ((calibration) with (spot or site) with "between") | US-PGPUB; USPAT | OR | ON | 2010/12/20 10:02 |
| S177 | 0 | S176 and interspot | US-PGPUB; USPAT | OR | ON | 2010/12/20 10:02 |
| S178 | 1 | ("5384261").PN. | USPAT; USOCR | OR | OFF | 2010/12/20 10:36 |

12/20/2010 11:42:17 AM

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